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NTDB id 600 KW2 RS01765 WP 011675413.1	KIGQGAEKAKNYLKEHQDVFEIDHKVRAAHGILLDDSEVAETEETTASKTKAKAKKKEEKAVETEIELELED.....	387
NTDB id 269 KZH43 RS08665 WP 001085462.1	KIGQGSSENAKKYLAEHPEIFDEIDKQVRSKFGIDGEEVSEQDTENKKDE...PKKEEA..VNEEVPLDLGDELEIEIE	387
NTDB id 228 SPD RS09265 WP 001085462.1	KIGQGSSENAKKYLAEHPEIFDEIDKQVRSKFGIDGEEVSEQDTENKKDE...PKKEEA..VNEEVPLDLGDELEIEIE	387
NTDB id 194 SPR RS08825 WP 001085462.1	KIGQGSSENAKKYLAEHPEIFDEIDKQVRSKFGIDGEEVSEQDTENKKDE...PKKEEA..VNEEVPLDLGDELEIEIE	387
NTDB id 159 SP RS09750 WP 001085462.1	KIGQGSSENAKKYLAEHPEIFDEIDKQVRSKFGIDGEEVSEQDTENKKDE...PKKEEA..VNEEVPLDLGDELEIEIE	387
NTDB id 527 SMSK321 RS11065 WP 001085454.1	KIGQGSSENAKKYLADNPEVFAEIDHQVVRVQFGLIDGEEAAE...SKKDE...VAQVDS..VNEEVTLDLGDELEIEIE	383
NTDB id 499 SM12261 RS08315 WP 078228268.1	KIGQGSSENAKKYLADNPEIFDEIDHQVVRVQFGLIDGEEIAE...SKKDE...AAQVDS..VNEEVTLDLGDELEIEIE	383
NTDB id 453 Spy49 1753c ACI62003.1	KIGQGSSENAKRYLADHPQLFDEIDRKRVRVKFGLLEESEEEESAMAVASE.....E.....TDDLALDLNGIEIED.	378
NTDB id 408 SMU RS09530 WP 002262392.1	KIGQGSSENAKKFLADNPEIFDDIDHKVVRVQYGLIEEDNTEEKQSSKEK.....ETDEK..ADKNLVLELDDTIELED.	383
NTDB id 115 BSU 16940 NP 389576.2	RIGQGRENAAKQFLKENKDIMLMIQEQRREHYGLDNNGVVQQQAEETQEEL.EFE.E.....	348
NTDB id 625 LCA RS02525 WP 011374196.1	RIGQGRENAAKNYLADHEDVEDEVRLKVRVAAAYGISDVPEEDLPTTEDE.QI.NILPDDST.....EE.....	355
NTDB id 1313 DR RS12030 WP 010888966.1	RIGQCKEKTIAIYIAERPEMEQEIRDRVMAAIRAGNAGEAPALAPAPAAPEAA.....EA.....	363
NTDB id 1245 Cj1673c YP 002345041.1	KIGQGRENSKAFLEKENPEIADEITKATQNSMGIIEGMI.....SGSEDEGE... ..	343
NTDB id 1214 NCTC11637 00359 SQJ03206.1	KIGQGRENAKALLKEDKALADEITLTKKESIGSNEEI...MPLPDEPLEE.....ME.....	347
NTDB id 1211 C694 RS00795 WP 000963128.1	KIGQGRENAKALLKEDKALADEITLTKKESIGSNEEI...MPLPDEPLEE.....ME.....	347
NTDB id 1334 RAOC RS04870 WP 004918236.1	KIGQGRDITVKELIKDNPEIAEELAKIREKLQAK.....	343
NTDB id 1389 A4U84 RS07560 WP 021112712.1	KIGQCKNNAVKWLKENPEIADKLEQETRNTLASNPNS...VLKATASDSN.....DESDVEEFSEEEL...	372
NTDB id 1130 NGFG RS03960 WP 003688695.1	KIGQCKDNVRVWLKENPEISDEIDAKTRALNCVEMHI...TEGTQDETD.....GERPEE.....	348
NTDB id 1124 NGFG RS03960 WP 003688695.1	KIGQCKDNVRVWLKENPEISDEIDAKTRALNCVEMHI...TEGTQDETD.....GERPEE.....	348
NTDB id 1123 OK783 RS03845 WP 003688695.1	KIGQCKDNVRVWLKENPEISDEIDAKTRALNCVEMHI...TEGTQDETD.....GERPEE.....	348
NTDB id 1427 RS RS02760 WP 011000510.1	RIGQGRDNCREFLRENAREIENKVRREHLGVTPMG...AVTLAE.EVE.....ED.....	352
NTDB id 32028 SBAL223 RS06335 WP 011847432.1	KIGQCRANAGKYL TENPAIATEIDKTLRELLSNPSA...LAAKADASTE.....DNVDLET.GEVF....	355
NTDB id 1165 A1552VC RS01565 WP 000344154.1	KIGQCKANACKYLLKENPEIAKTLDDKKLREMLLNPNEM...QLIAETSSAA.....DDVEFGAVPEEF....	354
NTDB id 1142 GTF74 RS11550 WP 000344154.1	KIGQCKANACKYLLKENPEIAKTLDDKKLREMLLNPNEM...QLIAETSSAA.....DDVEFGAVPEEF....	354
NTDB id 1205 PSJM300 05545 AFN77183.1	KIGQCKANAACKYLLKENPEIIGQEIEQQTRAKLLVTSAN...TKATPVAEDL.....ADADI.....	347
NTDB id 1022 ACIAD RS06390 WP 004925639.1	KIGQCKNNVIRYLEENPQISTEIEAVIREQLLTKASD...QTAA.HDETE.....EEDPDLLES.....	349
NTDB id 1074 ABD1 RS10195 WP 000344167.1	KIGQCKNNVIRYFEENNQIAEIEIERNIREQLLTTGTN...GAVQ.I.EDE.....EEDPDLLES.....	349
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NTDB id 194 SPR RS08825 WP 001085462.1	E	388
NTDB id 159 SP RS09750 WP 001085462.1	E	388
NTDB id 527 SMSK321 RS11065 WP 001085454.1	E	384
NTDB id 499 SM12261 RS08315 WP 078228268.1	E	384
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NTDB id 408 SMU RS09530 WP 002262392.1	.	383
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consensus

 non conserved  
 similar  
 ≥ 50% conserved